

Your Synergy™ V Universal / DVR remote control is simple to program, easy to use, and can operate up to five (5) electronic devices, which include:

Synergy™ V RT-U60C / RT-U62CP

CABLE Cable set-top terminals TV Televisions VCR VCR

(set-up) to operate the above devices.

Point and Press® Programming

Audio receivers, amplifiers, CD players AUDIO Before you can use your remote control, it must be programmed

2. Before Getting Started Some of the special features and buttons on your remote control

are as follows

Lets you program your TV, VCR, DVD, AUDIO devices without using codes. For more information, see sections 5 and 14.

[ALL] SmartKey®

Turns your CABLE set-top terminal and TV on / off with one button press. [ALL] can also be programmed to turn on / off additional electronic devices, or automatically set your correct TV output channel. For more information, see section 9.

[MODE]

Indicates which mode (i.e. CBL, TV, VCR, DVD AUDIO) the remote is currently operating in by illuminating the power button. To change to a different mode, press [MODE], then the power button for the electronic device you wish to operate. For more information, see Section 15.

Memory Guard®

Eliminates reprogramming after battery changes.

3.	Installing /	Re	placii	ng	Batt

Install two (2) new AA Alkaline batteries. Properly match the "+ / -" ends of the batteries with the diagram in the battery compartment.

When the batteries become low and need to be replaced, the [CBL], [TV], [VCR], [DVD], [AUDIO] buttons will not illuminate normally, or at all during use.

Synergy™ V RT-U60C / RT-U62CP

When this happens, replace the existing batteries with two (2) new AA Alkaline batteries to restore normal operation to the

4. Programming Your Cable Set-Top Terminal Your remote control is pre-programmed to operate the Scientific Atlanta Explorer® 8000 digital set-top terminal. To operate a different cable set-top terminal, look up the brand and model in the Cable Setup Code list and follow these

- 1. Press [SELECT], then [MUTE] together until the power / mode buttons illuminate in slow-rotation (i.e. CBL → TV
- → VCR → DVD → AUDIO → CBL). 2. From the Cable Setup Code list, locate the 3-digit code for your brand / model and enter it on the keypad of the remote
- control. The set-top terminal will turn off. 3. Then, press [SELECT] to lock in the code. The power / mode buttons will blink 3-times and go out.

Cable Setup Codes

Motorola	
DCT, CFT2200 CFT2100, CFT2000	001 002
Jerrold	
DL4, DP(V), DQN(V), DPBB	003
Scientific Atlanta	
Explorer® 8000 (SARA - RT-U59C) Explorer® 8000 (Passport - RT-U61CP) Explorer® 8600X 8600	412 413 004 005 006
Pace	100
510 Digital	004

HD Digital 010 Pioneer 004 Vovager BA-V1000, BA-V2000 007 Tocom 5503VIP. 5507, 5508 008 Zenith MM2500 009 013 Digital

Synergy™ V RT-U60C / RT-U62CP

5. Programming Your TV, VCR, DVD and AUDIO Devices **Code Entry Programming**

- 1. Turn on all the electronic devices (TV, VCR, DVD, AUDIO) you want to program the remote to operate.
- 2. Press [SELECT], then [MUTE] together until the power /
- mode buttons illuminate in slow-rotation (i.e. CBL \rightarrow TV \rightarrow VCR → DVD → AUDIO → CBL...).
- 3. a. To program your TV, locate the 3-digit code for your brand in the TV Setup Code list and enter it on the keypad of the remote control. Entry of the correct code will cause your TV to turn off. If multiple codes are listed for your brand, you may have to try several different codes until your TV turns off.
- b. As soon as you have entered a 3-digit code that turns your TV off, press [MUTE].
- 1. If the TV turns back on, press [SELECT] to lock in the code. The power / mode buttons will blink 3-times and go out. Or
- 2. If the TV does not turn back on, enter a different 3-digit setup code until your TV turns back on. Then press [SELECT] to lock in the code. The power / mode buttons will blink 3-times and go out.
- 4. To program your VCR refer to the VCR / DVD Setup

Code lists and repeat steps 2 and 3 above.

AUDIO → CBL...).

1. Turn on all the electronic devices (TV, VCR, DVD, AUDIO)

5. To program your DVD refer to the VCR / DVD Setup Code lists and repeat steps 2 and 3 above.

Synergy™ V RT-U60C / RT-U62CP

6. To program your AUDIO equipment, refer to the AUDIO

This method allows you to program the remote control without

using codes. Instead, the remote control automatically finds

the correct command that you select in a variety of codes until

you find the code that operates your device. You then lock in

The following instructions describe how to program your

remote control using the [CH +] or [CH -] buttons ("Power"

function during programming). You may also program your

remote control using other buttons / functions as described

in Section 14. When using this method, there are several

• The order in which you program your electronic devices is

There may be several codes that turn your electronic devices on

/ off (or perform other functions). Once you lock-in a code, be

sure to check the available functions for that device (i.e. TV - Vol

+/-, Mute, TV Input (Video Source button), VCR - Play, Stop..,

DVD - Play, Stop.., AUDIO - Vol +/-, Mute) to see if they are

· While the remote is searching for the correct setup code(s)

for your electronic devices, it is possible that other (previously

programmed) devices may turn on / off (or perform other

functions). If this occurs, continue pressing the [CH+] or [CH

-1 buttons (or the buttons described in Section 14) until you

find the correct code for the device you are programming.

. It may take several minutes for the remote to find the correct

function). During this time, the power / mode buttons will

illuminate in fast-rotation (i.e. CBL → TV → VCR → DVD →

Programming your electronic devices using the [Ch +] or

Synergy™ V RT-U60C / RT-U62CP

086 172 174

[Ch -] buttons ("Power" function during programming)...

code that turns your device off (or performs another selected

Setup Code list and repeat steps 2 and 3 above.

Point and Press® Programming

the correct code as described below

important points to remember:

not important.

operating.

you want to program the remote to operate.

2. Press [SELECT], then [MUTE] together until the power / mode buttons illuminate in slow-rotation (i.e. CBL → TV → VCR

Synergy™ V RT-U60C / RT-U62CP

→ DVD → AUDIO → CBL...). 3. Press and hold the [CH +] button until one device turns off.

While you are pressing the [CH +] button, the power / mode buttons will illuminate in fast-rotation. As soon as one device

tums off, release the [CH +] button. 4. Press [MUTE]. If the device that turned off...

- a. Turns back on, press [SELECT] to lock in this code. The power / mode buttons will blink 3-times and go out.
- b. Does not turn back on, press [CH -] one step at a time until that device turns back on. Each time you press the [CH -] button, the power / mode buttons will illuminate
- once in reverse fast-rotation (AUDIO → DVD → VCR → TV → CBL). Once you have found a code that turns the device on / off,
- press [SELECT] to lock in this code. The power / mode buttons will blink 3-times and go out.

5. Repeat steps 2 to 4 above for each of the remaining electronic devices you wish to program the remote to operate.

- 6. Programming Your TV / VCR Combination 1. First, turn on your TV / VCR combination device and install
- a VHS tape.
- 2. Next, program your remote to operate the TV functions.
- Using the Code Entry Programming method described in Section 5, find a TV Setup Code that operates the TV functions
- (Power, Vol + / -, Mute) of your TV / VCR combination. 3. Last, program your remote to operate the VCR functions.
- Using the Code Entry Programming method described in Section 5, enter, lock and test each 3-digit VCR Setup Code for your brand until a code is found that operates the transport functions (Play, Stop, Rew, Pause, Rec) functions of your TV /VCR combination.

7. Programming Your TV / DVD or TV / VCR | / DVD Combination

1. First, turn on your TV / DVD combination device and install a DVD.

Synergy™ V RT-U60C / RT-U62CP

- 2. Next, program your remote to operate the TV functions. Using the Code Entry Programming method described in Section 5, find a TV Setup Code that operates the TV functions (Power, Vol ▲/▼, Mute, Ch ▲/▼, 0-9) of your TV / DVD unit.
- 3. Last, program your remote to operate the <u>DVD</u> functions. Using the Code Entry Programming method described in Section 5, enter, lock and test each 3-digit DVD Setup Code for your brand until a code is found that operates the transport functions (PLAY, STOP, REW, FWD, PAUSE,
- REC) of your TV / DVD unit. Before you can test for the correct DVD setup code, you must first press the [MODE] button, then [DVD] button to
- put the remote in its DVD mode. 4. If you have a TV / VCR / DVD combination unit, you would
- then program your remote to operate the VCR functions. Using the Code Entry Programming method described in Section 5, enter, lock and test each 3-digit VCR Setup

Code for your brand until a code is found that operates the

VCR transport functions (PLAY, STOP, REW, FWD,

PAUSE, REC) of your TV / DVD / VCR unit. Before you can test for the correct VCR setup code, you must first press the [MODE] button, then [VCR] button first

TV Setup Codes

ECA

GE

Goldstar (LG)

to put the remote in its VCR mode.

BRAND		CODE				
Admiral	026	054	211			
Adventura	047					
Advent	072	094				
Aiwa	214					
Akai	053					

Synergy™ V RT-U60C / RT-U62CP

129 133

150 152 156 175

135

179 260

Amark	023	215		
Amstrad	157			
Anam	217	218	219	22
	222	223		
100	0.00			

Synergy™ V RT-U60C / RT-U62CP

Amark	023	215			
Amstrad	157				
Anam	217	218	219	220	221
	222	223			
AOC	053				
Apex	030	038			
Audiovox	220				
Belcor	073				
Bell & Howell	211				
Broksonic	165	167			
Brokwood	073				
Candle	068	091			
Centurion	095	107	108		
Citizen	068	091	211	233	
Concerto	073	095			
Contec	147				
Coronado	023				
Craig	223				
Crown	023				
Curtis Mathes	016	054	107	108	211
	213				
Daewoo	051	068	073	095	158
	159	189	191	194	196
	197	198	200	202	204
	205	206	207	209	
Daytron	073	095	107	108	
Dumont	073				
Electro Home	073	095			
Elektra	353				
Emerson	016	023	053	064	103
	139	158	159	164	165
	166	167	168	169	392
	100	101	100	100	002
	400	401	402	408	415

355 356

054 055

095 101

023 048

Synergy™ V RT-U60C / RT-U62CP

047

Fisher

Funai

Gibralta

Synergy™ V RT-U60C / RT-U62CP

,,	,				
	090	095	107	108	233
	360				
Goldstar (LG)	023	053	068	073	090
	107	108	233	360	361
Grundig	233				
Hall Mark	073	095			
Hitachi	023	068	095	096	097
	098	099	100		
Inkel	364				
JC Penney	039	053	068	073	092
	095	102	355		
JVC	104	105	106	396	397
	410				
Kawasho	073	095			
KMC	023				
KTV	023	053	233	366	
Kurazai	211	213			
LG (Goldstar)	023	053	068	073	090
	107	108	233	360	361
Lodgenet	211	213			
Logik	211	213			
Luxman	068	073	095		
LXI	024	026	157		
Magnavox (Philips)	023	068	071	073	089
	090	091	093	134	385
	387	397	404		
Majestic	211	213			
Marantz	053	107	108	109	
Megatron	215				
Memorex	090	211	213	355	388
	405				
MGA/Mitsubishi	053	068	073	090	095
	107	109	110	216	384
	394	395	398	399	417
Montgomery Ward	022	023	026	053	071
	072	108	211	213	
NEC	028	068	090	108	200

Synergy™ V RT-U60C / RT-U62CP

	091				
Philips(Magnavox)	023	068	071	073	089
	090	091	093	134	385
	387	397	404		
Pilot	073	094	233		
Pioneer	111	144	383		
Portland	023	068			
ProScan	055	070			
Proton	090	371	372		
Pulsar	073				
Quasar	044				
Radio Shack	073				
Realistic	022	166	168		
RCA	042	052	053	054	055
	069	070	416		
Sampo	090	108			
Samsung	015	016	017	023	031
	090	107	108	134	147
	151	153	386	411	
Sansui	423				
Sanyo	353	355	356	376	377
Scott	090	108	168		
Sears	023	031	038	039	068
	353	355	356		
Sharp	016	022	023	024	025
	026	027	028	029	393
	395	409			
Signature 2000	023	026	108	211	213
Sony	014	020	021		
Soundesign	091				
Squareview	157				
Supre-Macy	380				
Sylvania	068	071	072	090	091

047

044

068

213

023 213

Symphonic

Techwood

Teknika

Telerent

Tatung

157

093 107 108 157 158

023 068 072 091 168

381 065 414

Tera

Tevion

Synergy™ V RT-U60C / RT-U62CP

TMK	068	090			
Toshiba	030	031	038	039	
Totevision	233				
Universal	068	102			
Vidtech	068				
Wards	068	090			
White Westinghouse	211	408			
XR-1000	213				
Yamaha	068				
York	090	108			
Zenith	047	048	049	050	051
	391	405	406		

BRAND		CC	DE		
Admiral	066	075			
Aiwa	132				
Akai	269	275	336	351	352
	354				
Audio Dynamics	243	291			
Bell & Howell	357				
Broksonic	333	337	358	359	
Canon	086	362			
Citizen	033	172	247	331	
Colortyme	291				
Craig	172	363			
Curtis Mathes	086	112	247	291	
Daewoo	033	343	344	345	346
	347				
Daytron	345	365			
DBX	243	291			
Dynatech	132				
Emerson	033	086	132	326	327
	331	332	333	334	335
	336	337	338	339	340
	341	342			
Fisher	035	081	357	363	
Funai	132				

Goldstar

GE

Harman Kardan	004			
Harman Kardon	291			
Hitachi	078	132		
Instant Replay	086			
JC Penney	078	086	172	2
JCL	086			
JVC	120	128	243	2
	253			
Kenwood	120	132	238	2
LG (Goldstar)	247	331		
Lloyd	132			
Logik	367			
LXI	132	331		
Magnavox (Philips)	086	132	183	
Marantz	086	172	183	2
000000000000000000000000000000000000000	291			
Marta	331			
Matsui	368			
Memorex	132	238	331	3
	370			
Mitsubishi	255	258		
MTC	132	172		
Montgomery Ward	066		173	3
Multi Tech	132	172	367	8.5

JVC	120 253	128	243	247
Kenwood	120	132	238	243
LG (Goldstar)	247	331		
Lloyd	132			
Logik	367			
LXI	132	331		
Magnavox (Philips)	086	132	183	
Marantz	086	172	183	238
7000000760000000	291			
Marta	331			
Matsui	368			
Memorex	132	238	331	363
	370			
Mitsubishi	255	258		
MTC	132	172		
Montgomery Ward	066	170	173	373
Multi Tech	132	172	367	
NEC	120	238	243	291
	375			
Orion	322	326	327	328
	330			
Panasonic	112	117		
Pentax	078			
Philco	086	132	183	
Philips (Magnavox)	086	132	183	
Pioneer	078	120	263	

CIL	000	114	1.7			Houndto	000	IOL	200	000
Go Video	348	349	350			Samsung	269	271	275	276
Goldstar (LG)	247	331				Sansui	120	367	379	
Harman Kardon	291					Sanyo	238	346	357	363
Hitachi	078	132				Scott	033	332	367	
Instant Replay	086					Sears	035	078	238	331
JC Penney	078	086	172	238	291	Sharp	066	075		
JCL	086					Shintom	367			
JVC	120	128	243	247	250	Signature 2000	066	170	173	373
	253					Sony	056	058	060	
Kenwood	120	132	238	243	247	Soundesign	132			
LG (Goldstar)	247	331				Sylvania	086	132	141	183
Lloyd	132					100946-00. 101 (10940)	322	324	420	
Logik	367					Symphonic	132			
LXI	132	331				Tandy	132	238		
Magnavox (Philips)	086	132	183			Tashiko	331			
Marantz	086	172	183	238	247	Tatung	243			
	291					Teac	132	243		
Marta	331					Technics	086			
Matsui	368					Teknika	132	331	359	
Memorex	132	238	331	363	369	Thomas	132			
	370					TMK	338			
Mitsubishi	255	258				Toshiba	033	035	078	081
MTC	132	172				Totevision	172	331		
Montgomery Ward	066	170	173	373		Unitech	172			
Multi Tech	132	172	367			Vector Research	291			
NEC	120	238	243	291	374	Video Concepts	132	291		
	375					Wards	066	132	172	247
Orion	322	326	327	328	329	XR-1000	367			
	330					Yamaha	132	243	291	
Panasonic	112	117				Zenith	058	120	122	128
Pentax	078									
Philos	006	120	100							

Synergy™ V RT-U60C / RT-U62CP

Realistic	066	132	238	363	
Samsung	269	271	275	276	278
Sansui	120	367	379		
Sanyo	238	346	357	363	
Scott	033	332	367		
Sears	035	078	238	331	363
Sharp	066	075			
Shintom	367				
Signature 2000	066	170	173	373	
Sony	056	058	060		
Soundesign	132				
Sylvania	086	132	141	183	184
	322	324	420		
Symphonic	132				
Tandy	132	238			
Tashiko	331				
Tatung	243				
Teac	132	243			
Technics	086				
Teknika	132	331	359		
Thomas	132				
TMK	338				
Toshiba	033	035	078	081	
Totevision	172	331			
Unitech	172				
Vector Research	291				
Video Concepts	132	291			
Wards	066	132	172	247	331
XR-1000	367				

Yamaha

Zenith

BRAND		CODE	
Compact Disc			
ADC	318		
Akai	249	261	
Aiwa	176		
Carver	176		
Crown	154		
Denon	273		
Fisher	230	274	
Goldstar (LG)	308		

121 124 210 129 133 135

015 018 042 044 049

068

102

390 396 403 406 407

073 090

389

103

053 068 073

Orion

Philco

Panasonio

Everquest

Fosgate Audionics

Goldstar (LG)

Harman Kardon

Fisher

Hitachi

Jensen

Kenwood

Luxman

Marantz

NAD

Onkyo

Optimus

Panasonic

Parasound

Pioneer

Quasar

Realistic

Rotel

Sansui

Sanvo

Scott

Sharp

Sony

Sherwood

Soundesign

Taekwang

Technics

Wards

Victor

Yamaha

Zenith

Radio Shack

Philips (Magnavox)

Magnavox

LG (Goldstar)

JVC

Harman Kardon	315				
JVC	297				
Kenwood	131	176	274	289	299
Krol	176				
LG (Goldstar)	308				
Magnavox (Philips)	037	084	119	296	
Mission	176				
Mitsubishi	245	249			
NAD	182	231	290		
Nakamichi	264	319			
NEC	235				
NSM	176				
Onkyo	300				
Panasonic	184	266			
Philips (Magnavox)	037	084	119	296	
Pioneer	116	127			
Quasar	184				
Radio Shack	186	190	266	279	289
RCA	295				
Sanyo	230	309			
SAE	176				
Scott	186				
Sharp	288	289			
Sony	067	292	293		
Soundesign	148	242	311	320	
STS	318				
Sylvania	084				

184 208 317 Technics 290 Toshiba Yamaha 280 Receiver / Amplifier 325 Adcom 301 Aiwa Akai 142

302

Carver

Denon

155 180

262 307

Synergy™ V RT-U60C / RT-U62CP

Additional Programming Information 1. The power / mode buttons will illuminate in slow-rotation (i.e. CBL → TV → VCR → DVD → AUDIO → CBL...) while the remote is in a programming mode. In the absence of a keypress entry, the power / mode buttons will stop

programming mode. 2. When programming the remote control using the [CH+] or [CH -] buttons (Power function) in the Point and Press® Programming method, you may find a code that turns a

illuminating after 45 seconds and the remote will exit the

- device off but not back on. If this happens... a. The correct code has not been found as you may have a code that operates some but not all of the functions of your device. Continue pressing [CH +] until your device turn on.
- OR
- b. You may have gone past the correct matching code. Try pressing [CH -] one press at a time until you find a code that turns your device back on.
- 3. When using the Point and Press® Programming method, you can also program your remote using buttons other than the [CH +] or [CH -] as described in Section 5 as a. [VOL +] - to "go forward" through the codes using the
- b. [VOL -] to "go back" through the codes using the "VOL -" function on your devices.

"VOL +" function on your devices.

- Note: When you find the correct code, the volume of the device being programmed will increase or decrease.
- c. $[\blacktriangle]$ to "go forward" through the codes using the "CH +" function on your devices. d. [lackbreaktright] - to "go back" through the codes using the "CH -"

Synergy™ V RT-U60C / RT-U62CP 136

063

305

036

240

036

281

080

286

323

080

032

310

283

195

272

294

313

142

032

063

229 267

083 088

314 316

114 241

Synergy™ V RT-U60C / RT-U62CP

Note: When you find the correct code, the channel of

the device being programmed will increase or decrease.

e. [▶▶] - to "go forward" through the codes using the "Fast

f. [◀◀] - to "go back" through the codes using the "Rewind"

Note: When you find the correct code, the fast-forward or

rewind function of the device being programmed will be

performed. To simplify programming using these buttons,

insert a VHS tape or DVD in the device being programmed.

You can also program your remote using the other available

a. Press [SELECT], then [MUTE] together until the power /

b. In this order, carefully press [0], [0], [0], [CH+] and

[VOL+]. The power / mode buttons illuminate in slow-

rotation (i.e. CBL \rightarrow TV \rightarrow VCR \rightarrow DVD \rightarrow AUDIO \rightarrow

c. You can now program your remote using the [CH+],

[CH -], [VOL+], [VOL -], [▲], [▼], [FFWD], [REW],

[PLAY], [STOP], [REC], [PAUSE], [LAST], [FAV], [0]

- [9] buttons. When you find the correct code, the

function associated with the selected button will be

4. Your remote is equipped with a Point and Press® Pro-

1. If the same button is pressed and held for 45-seconds,

your remote control will turn itself off automatically. This

extends the battery life should the remote become lodged

under or between heavy objects, for example sofa cushions.

quickly program the remote without using codes.

Troubleshooting / Tips

gramming label on the back of its case. This will help you

mode buttons illuminate in slow-rotation (i.e. CBL → TV

function on your devices.

function on your devices.

functions as follows

Forward" function on your devices.

→ VCR → DVD → AUDIO → CBL...).

145 254 303

036 083 088 239 265

041 057 232 287

114 241

063 277

282 283

032 074

123 137

229 267

226 268

126 171 304

142 229 321

130 257 305 306

284 285

251 298

239 265

019 159 160

042 043 044 045 046

023 053 068 071 072

163 382

161

8. Code Number Read-Back To identify the 3-digit setup codes stored under the Point and Press® programming method, follow these steps

To identify the TV setup code.

1. Press [TV], then [SELECT] together until the [TV] button

Synergy™ V RT-U60C / RT-U62CP

- 2. Press [INFO]. The [TV] button will "blink back" the code numbers, with a 1-second interval between each digit of
- Example: For code "035", the remote will blink 10 times, then 3 times, then 5 times,
- To identify the 3-digit VCR code, press [VCR], then [SELECT] in step 1, then press [INFO].
- To identify the 3-digit DVD code, press [DVD], then [SELECT] in step 1, then press [INFO]. To identify the 3-digit AUDIO code, press [AUDIO], then

9. ALL SmartKey®

[SELECT] in step 1, then press [INFO].

Once you have programmed the remote to operate your electronic devices, you can press the [ALL] SmartKey® to turn your Cable set-top terminal and TV on / off with one button press. You can also program the [ALL] button to turn on / off additional electronic devices and / or tune your

TV to its correct output channel. Programming the [ALL] SmartKey®

- 1. Press [ALL], then [SETTINGS] together until the [CBL] button illuminates.
- 2. Enter one of the following options on the keypad of the
- [0] Turns on / off CBL + TV (default setting)
- [1] Turns on / off CBL + TV and tunes TV to output Channel 3.

[2] - Turns on / off CBL + TV and tunes TV to output

Synergy™ V RT-U60C / RT-U62CP

2. If you have a TV that's operated by remote control, it is

recommended that you plug it directly into a wall outlet

3. If you have any questions concerning the brand, model or

operation of your cable set-top terminal, contact your

Frequently Used Terms

instead of the cable set-top terminal

AUDIO Devices - Audio receivers, amplifiers, CD players that you can program your remote to operate.

DVR - Digital Video Recorder.

Default Setting - How your remote is set when you receive it from your cable operator.

<u>Electronic Components / Devices</u> - The various electronics device the remote is designed. These include cable set-top terminals, TVs, VCRs, DVDs, audio-video receivers, amplifiers

Fast-Rotation - The power / mode buttons will illuminate in a

fast sequence (i.e. CBL → TV → VCR → DVD → AUDIO → CBL...) repeated every 1/3 second. Fast-rotation occurs when the remote is receiving keypresses to program it to your Mode - The device the remote is set to operate (ex. Cable,

TV, VCR, DVD, Audio) PIP - Picture-in-picture functionality through your Cable set-

Program (Setup) - The process of teaching your remote control

to operate your electronic devices.

Slow-Rotation - The power / mode buttons illuminate in a slow sequence (i.e. CBL → TV → VCR → DVD → AUDIO → CBL...) repeated every 1 second. Slow-rotation illumination occurs when the remote is in the programming mode, waiting for the next entry on the keypad of the remote.

TV Output Channel - The channel your TV needs to be set on for proper Cable reception (most often TV channel 3, but may

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[3] - Turns on / off CBL + TV and tunes TV to output Channel 4.

Channel 2.

- [10] Turns on / off CBL + TV + VCR + DVD [4] - Turns on / off CBL + TV + VCR + DVD and tunes
- TV to output Channel 3. [5] - Turns on / off CBL + TV + VCR + DVD and tunes TV to output Channel 2.

[6] - Turns on / off CBL + TV + VCR + DVD and tunes TV to output Channel 4.

- [11] Turns on / off CBL + TV + VCR + DVD + AUDIO [7] - Turns on / off CBL + TV + VCR + DVD + AUDIO and tunes TV to output Channel 3.
- [8] Turns on / off CBL + TV + VCR + DVD + AUDIO and tunes TV to output Channel 2.

[9] - Turns on / off CBL + TV + VCR + DVD + AUDIO and tunes TV to output Channel 4. [12] - Turns on / off CBL + TV + AUDIO

- [13] Turns on / off CBL + TV + AUDIO and tunes TV to output Channel 3 [14] - Turns on / off CBL + TV + AUDIO and tunes TV to
- output Channel 2 [15] - Turns on / off CBL + TV + AUDIO and tunes TV to output Channel 4

3. As soon as you select an option, the [CBL] button will blink 3-times and go out.

Using the [ALL] SmartKey® When pressing the [ALL] SmartKey®, be sure to keep the remote control aimed at your electronic devices until your electronic devices turn on or / off.

Whenever the [ALL] SmartKey® is pressed, the mode of

the remote control will automatically switch back to Cable.

10. Volume Control When you first program your remote, volume / mute are controlled through your TV (except AUDIO which defaults

to the AUDIO device). The volume control options in each

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Transport Functions - These are the [STOP], [PLAY], [FWD], [REW], [PAUSE] and [REC] buttons. In the remote control's Cable mode, these buttons operate your Cable set-top features. In the remote control's VIDEO mode, these operate your VCR

be TV channel 2 or 4). If you have any questions concerning your TV output channel, contact your cable operator. Or, with your cable set-top terminal turned on, try setting your TV to

or DVD functions.

VIDEO Devices - VCR or DVD players.

channel 2, 3 or 4 to obtain a clear picture.

button illuminates. 2. Press [VOL +], then [CBL] for Cable volume. The [CBL] button will blink 3-times and go out. To return volume control to your TV, repeat step 1, then

Your remote has 4 Channel Memory Buttons - [MUSIC], [MOD] (Movies-On-Demand), [NEWS], [HELP](may be labeled differently on some models). Each of these

channel can be up to 5-digits. Some or all of your remote's Channel Memory Buttons may come pre-tuned to channels or functions selected by

Programming Channel Memory Buttons

your cable operator, they can be programmed as follows:

- 1, 12, 123, 1234, 17, follow these steps: 1. Press [MOD], then [CBL] together until the [CBL] button
- 2. Enter each channel as follows (ex. assumes 4-digit channel format)
- a. Enter 1st channel # 0001.

b. Press [CH +] to advance to next channel # setting.

by cable operator on some models)

h. Press [CH +] to advance to next channel # setting. AUDIO device (default), Cable or TV. Enter 5th channel # - 0017.

- To control volume / mute through your Cable set-top terminal
- in the remote's Cable mode.. 1. Press [CBL], then [SELECT] together until the [CBL]

11. Channel Memory Buttons - [MUSIC], [MOD], [NEWS], [HELP]

press [VOL +], then [TV] in step 2.

buttons can store up to 5 cable channels. Each cable

your cable operator. If they have not been pre-tuned by

- For example, to program the [MOD] button to cable channels

3. Press [MOD] to store the above channels. The [CBL]

c. Enter 2nd channel # - 0012.

e. Enter 3rd channel # - 0123.

g. Enter 4th channel # - 1234.

button will blink 3-times and go out. To store fewer than 5 channels, you can press the [MOD] button any time after entering a complete channel number. 4. Repeat the above steps to program the [MUSIC], [NEWS]

and [HELP] buttons. Follow the example in step 1,but press [MUSIC] or [NEWS] or [HELP], then [CBL] together until the [CBL] button illuminates.

- **Using Channel Memory Buttons** Using the above programmed channels as an example..
- 2. Press [MOD] again Cable set-top terminal tunes to channel 0012
- 3. Press [MOD] again Cable set-top terminal tunes to
- 4. Press [MOD] again Cable set-top terminal tunes to channel 1234. 5. Press [MOD] again - Cable set-top terminal tunes to

channel 0017 6. Press [MOD] again - Cable set-top terminal tunes to channel 1.... repeat.

Whenever a Channel Memory button is pressed, the function of the transport buttons will automatically switch

keep the remote control aimed at your Cable set-top

2. Press [SETTINGS], then [SETTINGS] again. The [CBL] button will blink 3 times and go out. When pressing the Channel Memory Buttons, be sure to Reset (Partial) returns the ALL SmartKey®, Volume / Mute,

Mode Lock™ features to their factory default settings.

13. Reset

button illuminates.

Important: The following diagram shows how to use the buttons on your remote control to operate the DVR and PIP functions of your Explorer® digital

set-top terminal. To access these functions, set the remote control to its Cable mode by pressing the [MODE] button, followed by the [CBL] button.

Illuminate / select electronic device being operated. Press Mode, then. CBL - for Cable mode for TV mode for VCR mode CBL & TV on / off (programmable) for DVD mode AUDIO - for Audio mode Individual device on / off power Displays Application Menu Program Guide Display channel information Page +/- through Moves through on-screen choices (▲, ▼, ◄, ▶) on-screen displays, Program Guide Display set-top terminal settings Selects on-screen choice On-screen decision buttons В Hides interactive screens Day ◀/▶ in Program Guide (Passport) Recall favorite channel On-screen HELP Listing of your recorded programs Recall last channel Replay last 8-seconds of a program Return to live TV programming 5 LIST LIVE Rewind (3 speeds) Fast-forward (3 speeds) 000 Record a program Stop recording a program PANSE 0 Function set by cable operator 2 3 PIP on / off 4 5 6 7 8 9 Play a program S O SNIER Pause program being watched Swap PIP & and main screen Selects video source

15. Using Your Synergy™ V - Universal / DVR Remote Control

Function set by Cable Operator Move PIP screen Enter channel # (Passport) Channel Memory Buttons (may be labeled differently or pre-set PIP channel + / -

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Technologies, Inc. U.S. Patent 6,507,306 Portland 345 170 174 ProScan

238 378

173 174

Synergy™ V RT-U60C / RT-U62CP

TV (default), Cable or Audio.

078 132 141 170 172

112

Quartz

Quasar

mode of the remote are :

CBL

TV

VCR

AUDIO

RCA

DVD Setup Codes

BRAND

Apex Digital

B144

Denon

DVD-Video

132

CODE

193 227

201 203

Synergy™ V RT-U60C / RT-U62CP

d. Press [CH +] to advance to next channel # setting.

f. Press [CH +] to advance to next channel # setting.

146

199

Audio Setup Codes

BRAND	CODE	
	Compa	ct Disc
ADC	318	
Akai	249	261
Aiwa	176	
Carver	176	
Crown	154	
Denon	273	
Fisher	230	274
Goldstar (LG)	308	

format (ex. 012).

12. Video Source

TV / VCR Input on your VCR.

terminal to ensure the full channel numbers are received in their entirety If you are using your Synergy™ V remote to operate a Cable set-top terminal other than the Explorer® 8000

Synergy™ V RT-U60C / RT-U62CP

model, you may only have to enter channels in a 3-digit

This button changes the input source of your electronic

TV. In the remote's VCR mode, this button changes the

devices. In the remote's Cable mode, this operates a Cable function. In the remote's TV mode, this button changes the Input Source (Input 1, Input 2...) on your

You can program this button so that in the remote's Cable mode, [VIDEO SOURCE] will operate the Input function on your TV or VCR, eliminating the need to change modes on

2. Press [TV]. The [CBL] button will blink 3-times and go out.

[CBL] to return to the normal CBL Video Source function.

To reset your remote control to its factory default settings...

1. Press [CBL], then [SELECT] together until the [CBL]

1. Press [MOD] - Cable set-top terminal tunes to channel To program [VIDEO SOURCE] to operate your TV Input function in the remotes cable mode. 1. Press [VIDEO SOURCE], then [SELECT] together until the [CBL] button illuminates.

Note: You can also press [VCR] in step 2 above to operate the TV / VCR function on your VCR. Or press